Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
Data File : BM047344.D
Acq On : 26 Aug 2024 12:23
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 26 17:55:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 17:49:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	245113	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	964335	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	716335	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1548890	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1335039	20.000	ng	0.00
86) Perylene-d12	23.715	264	1347437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.157	70	31958	2.671	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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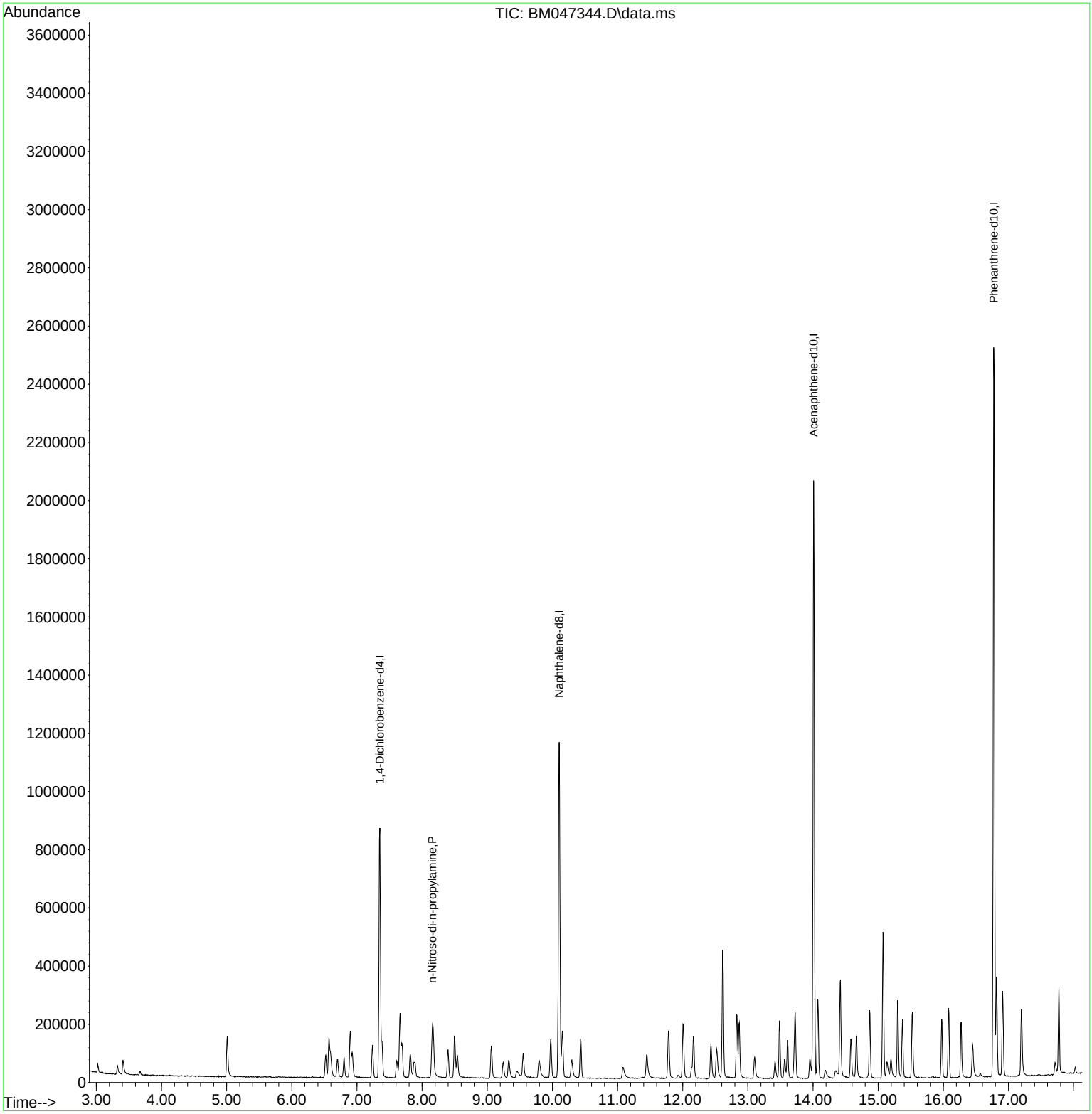

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
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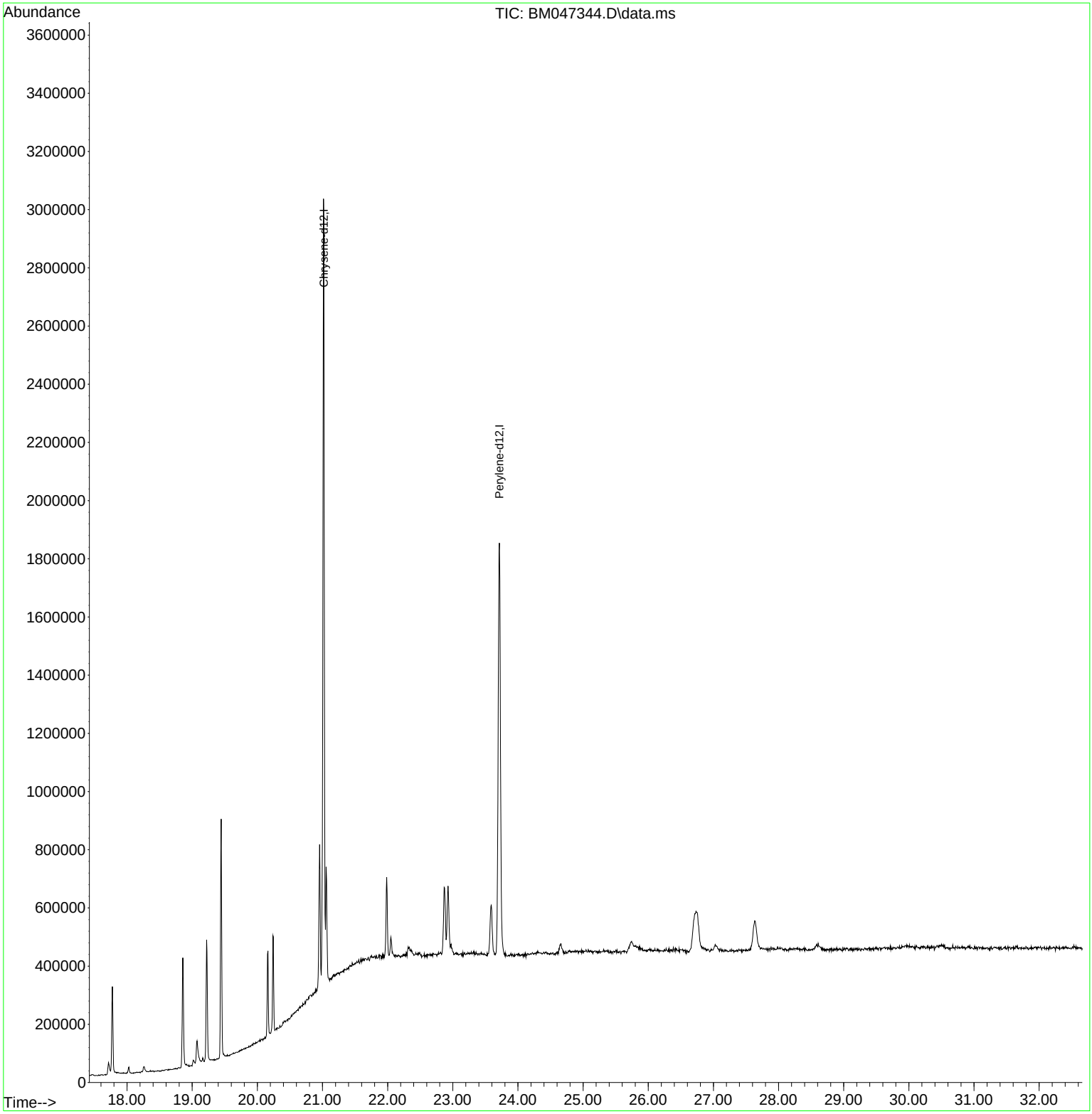
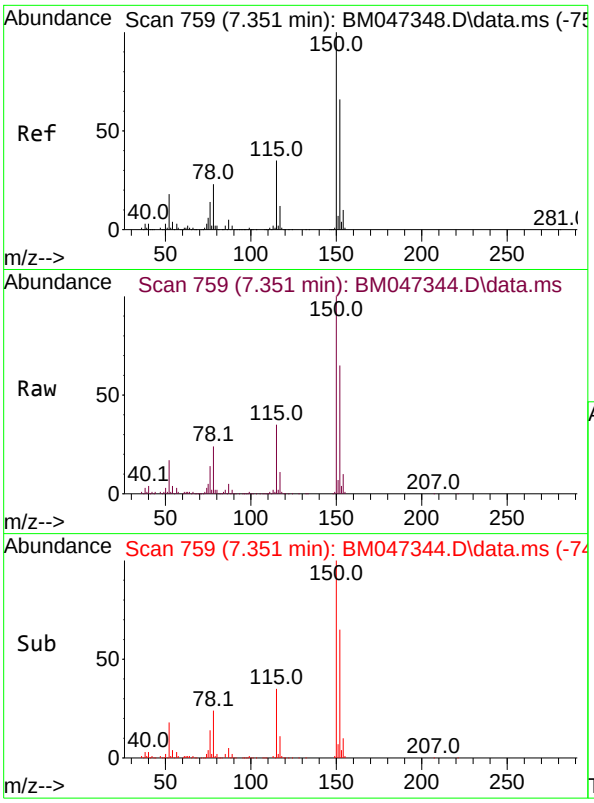


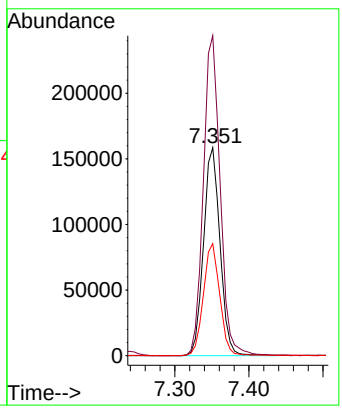


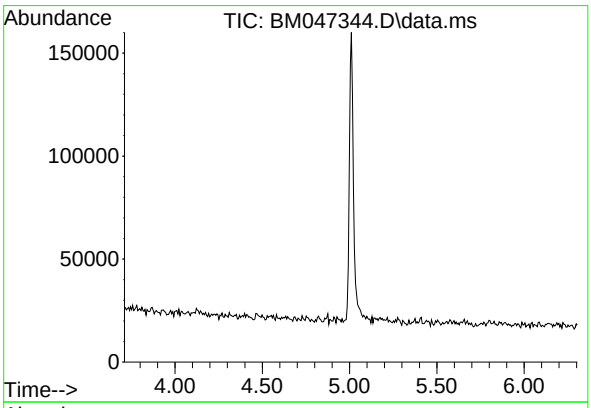
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 245113

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.3	181.9
115	53.8	42.6	64.0



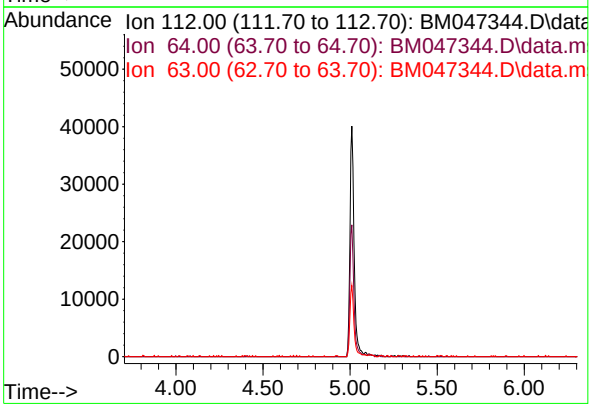


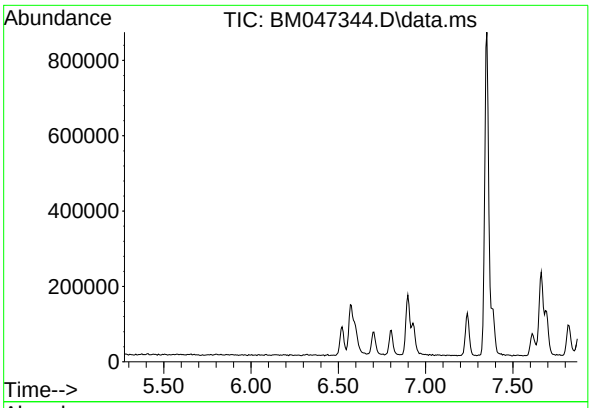
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.00 min

Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.1
63	29.8





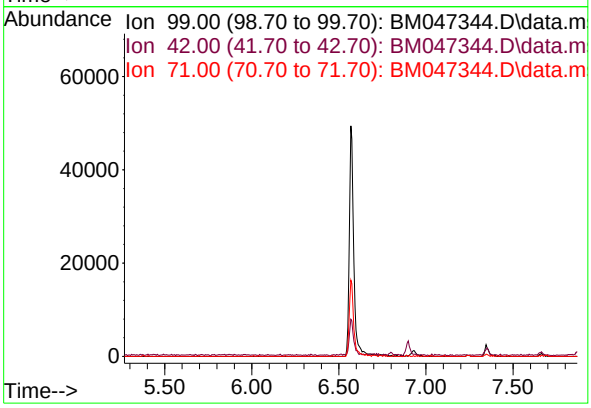
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.57 min

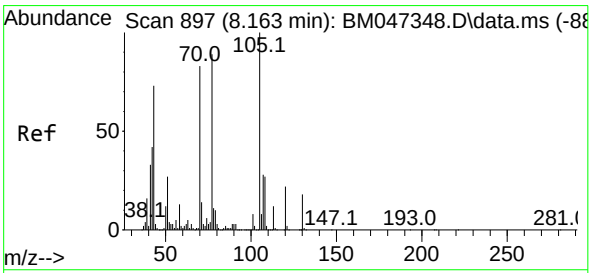
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

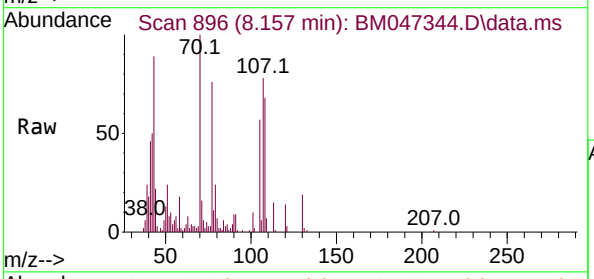
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

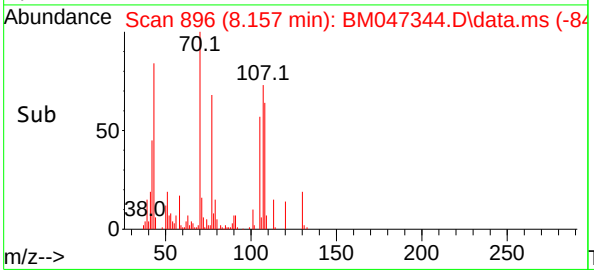
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.2
71	34.4





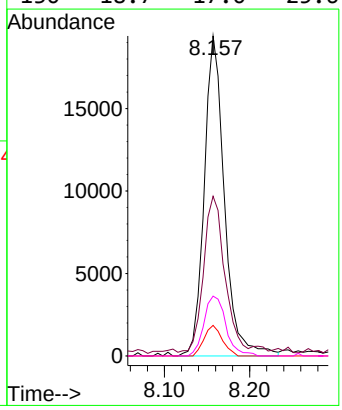


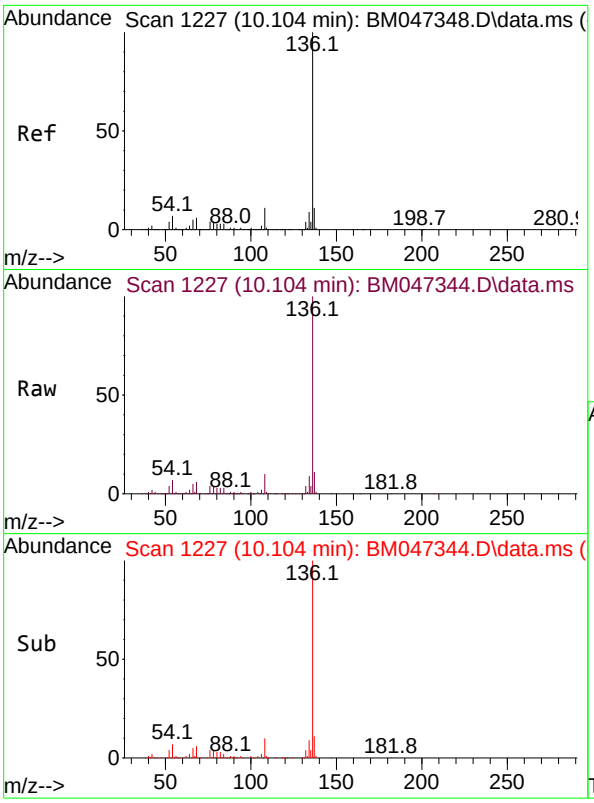


#19
n-Nitroso-di-n-propylamine
Concen: 2.671 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Tgt Ion: 70 Resp: 31958

Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.0	61.4
101	9.5	7.9	11.9
130	18.7	17.0	25.6



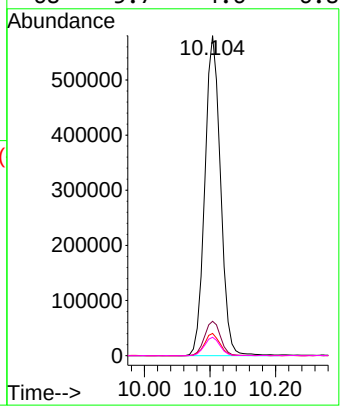


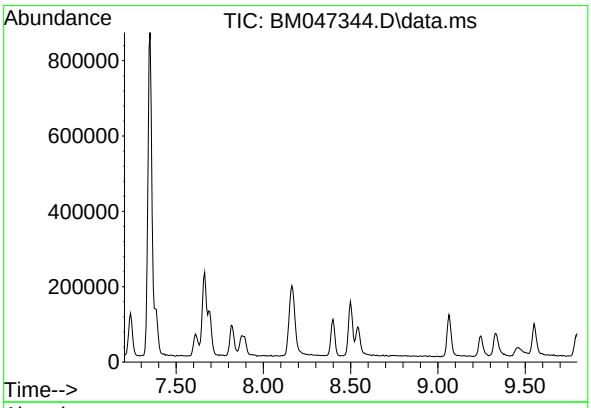
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 964335

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.0	5.2	7.8
68	5.7	4.6	6.8



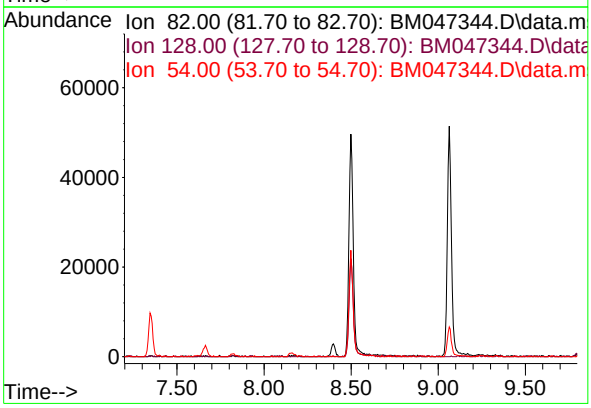


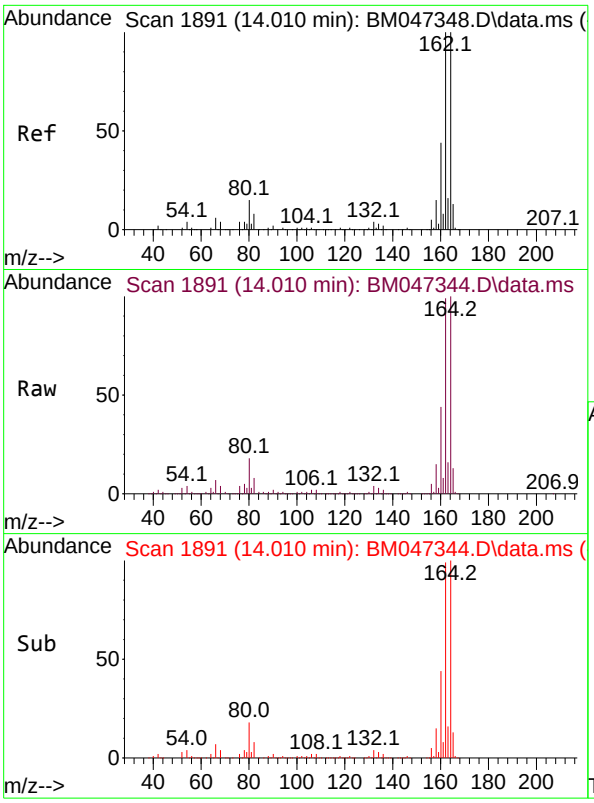
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.50 min

Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	43.2
54	44.4



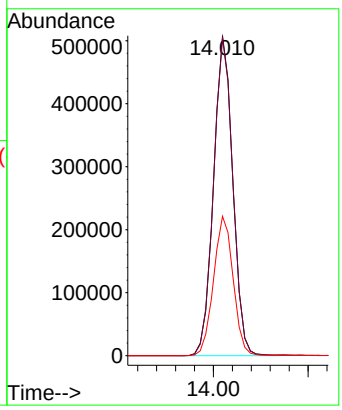


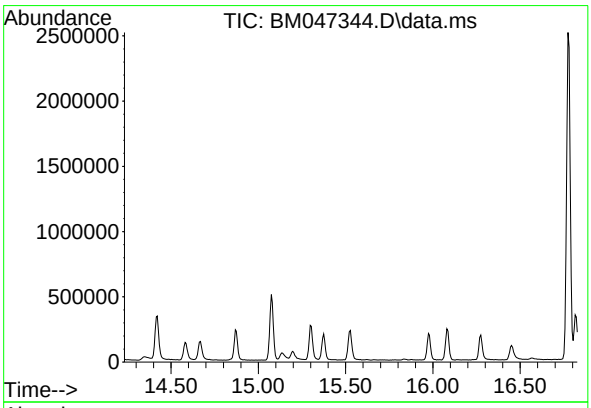
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 716335

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.7	119.5
160	43.6	34.9	52.3



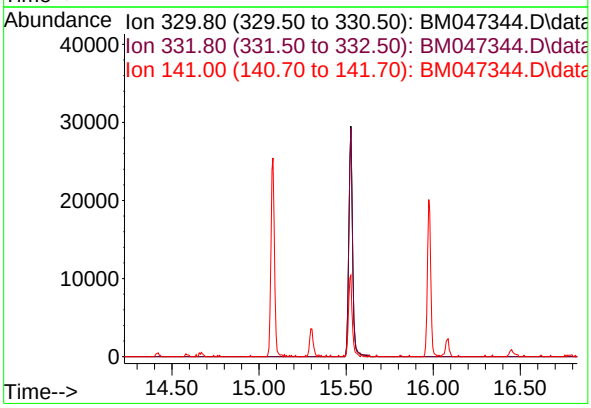


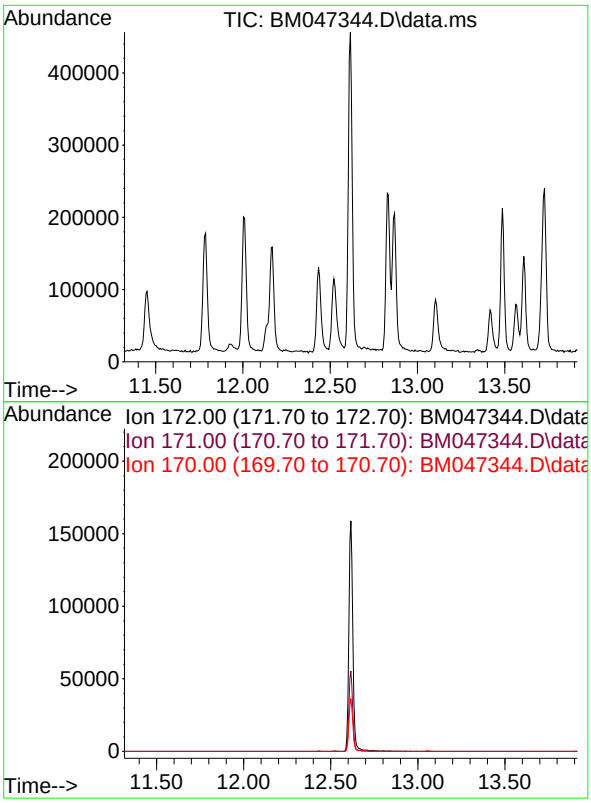
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.53 min

Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.5
141	34.5





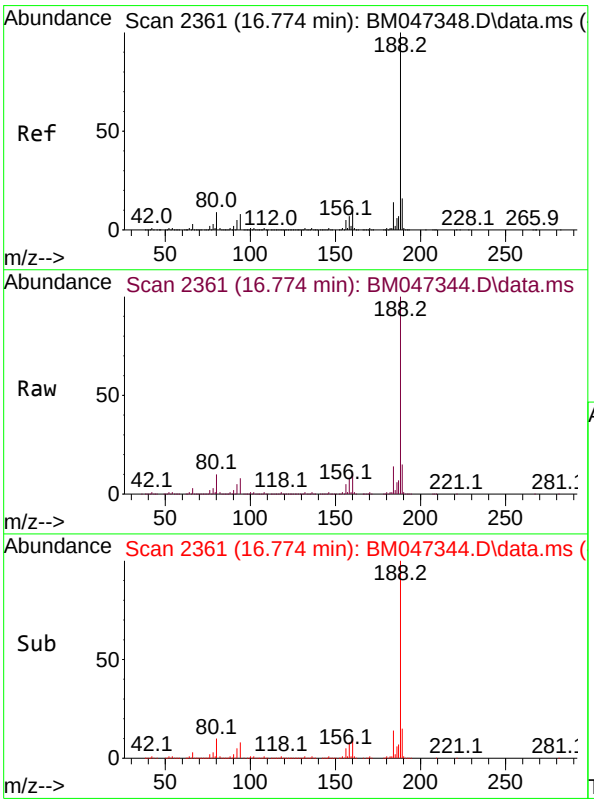
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.62 min

Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

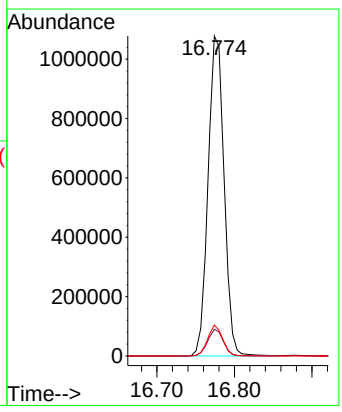
Sig	Exp Ratio
172	100
171	34.7
170	23.1

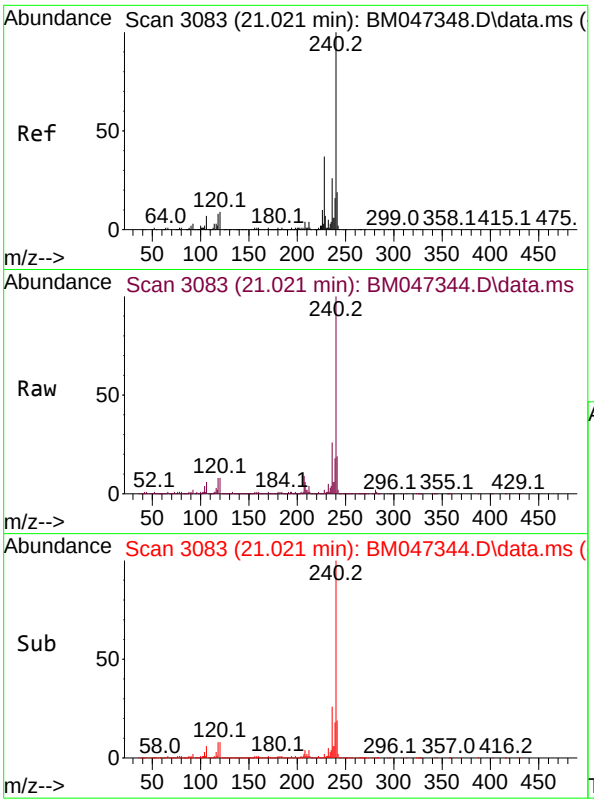


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. -0.000 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Tgt Ion:188 Resp: 1548890

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.7	7.4	11.2



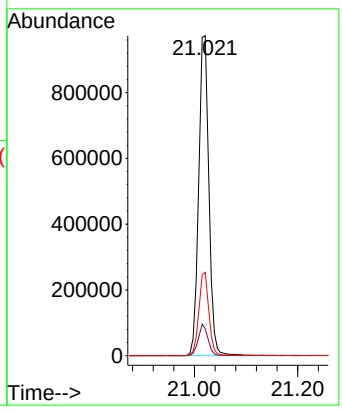


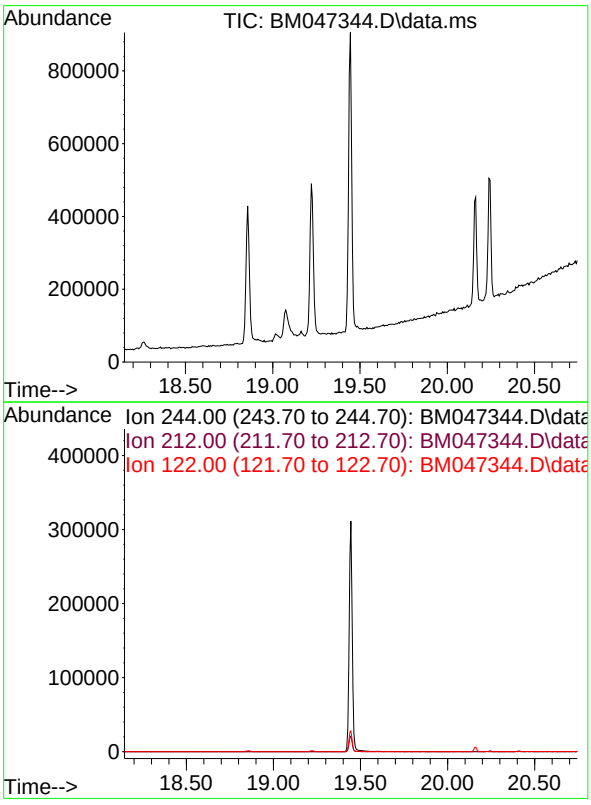
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1335039

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.4	11.0
236	26.1	20.8	31.2



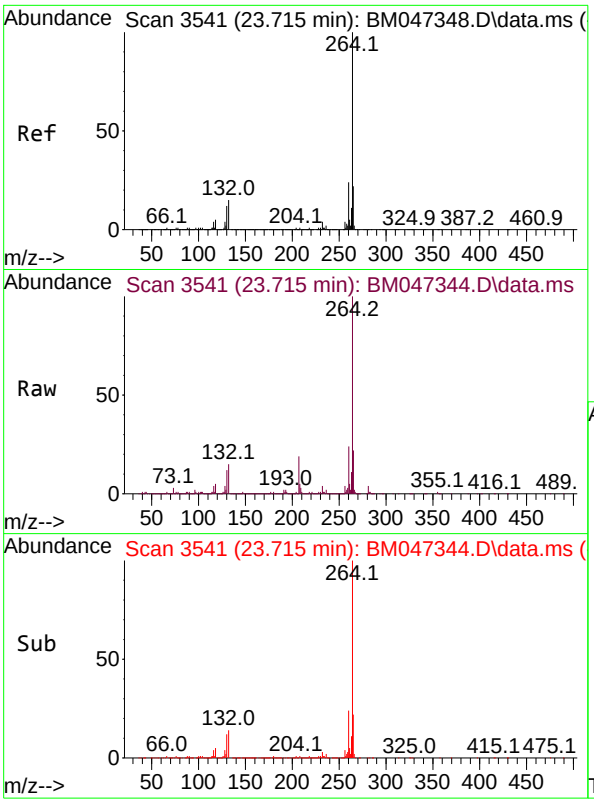


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.44 min

Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	8.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM047344.D
Acq: 26 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1347437

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	17.8	26.6